462

Access DB# 65461

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: PATEL SUDHAKER Examiner # : 77018 Date: 4/26/02

Art Unit: 1624 Phone Number 308 4709 Serial Number: 10087034

Mail Box and Bldg/Room Location: 3084709 CM1 4E18 Results Format Preferred (circle): (PAPER) DISK E-MAIL

4E12

If more than one search is submitted, please prioritize searches in order of need.

****

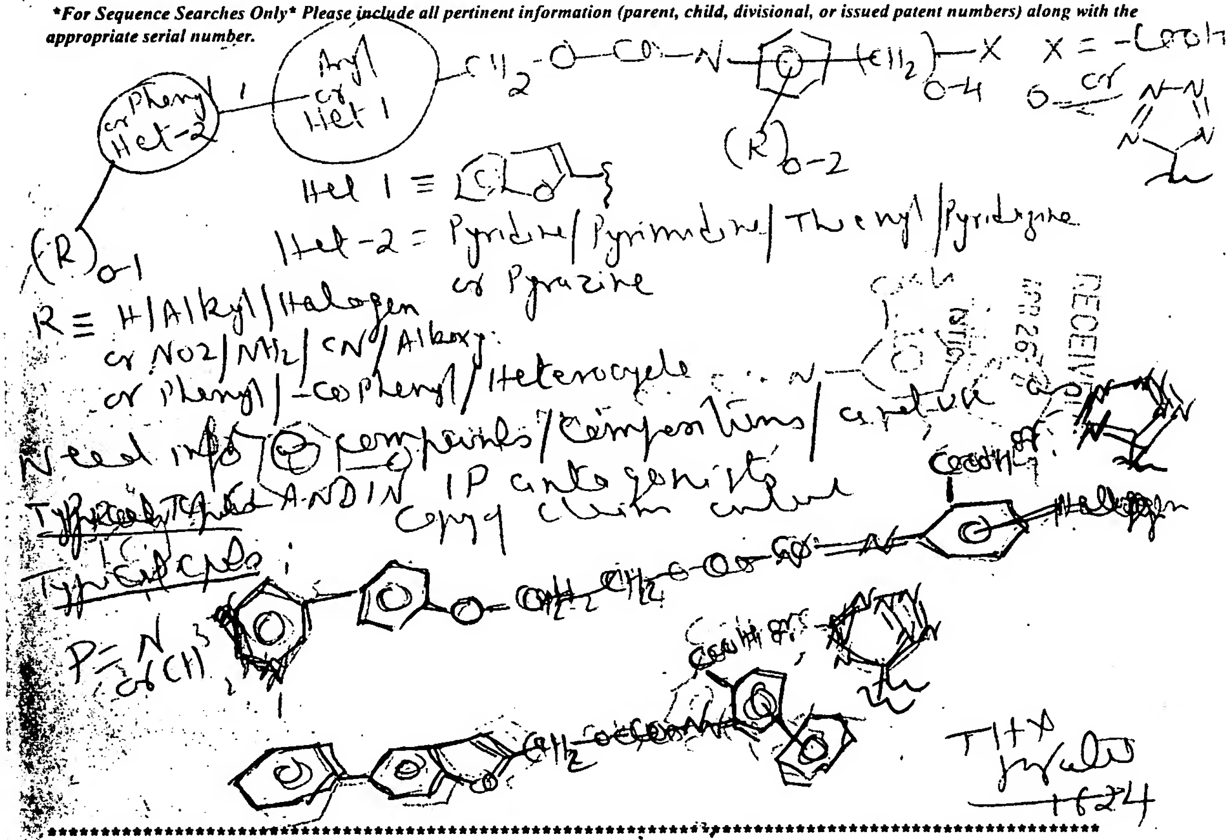
Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: ALKOXYCARBONYLAMINO BENZOIC ACID OR ALKOXYCARBONYL AMINO TETRAZOLYL PHENYL DERIVATIVES AS IP ANTAGONISTS

Inventors (please provide full names): FRANCISCO JAVIER LOPEZ-TAPIA et al

Earliest Priority Filing Date: 3/2/2001

For Sequence Searches Only *Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*



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STAFF USE ONLY	Type of Search		Vendors and cost where applicable
Searcher: Sheppard	NA Sequence (#)		STN
Searcher Phone #: 308-4499	AA Sequence (#)		Dialog
Searcher Location:	Structure (#)		Questel/Orbit
Date Searcher Picked Up:	Bibliographic		Dr.Link
Date Completed: 5/7/02	Litigation		Lexis/Nexis
Searcher Prep & Review Time:	Fulltext		Sequence Systems
Clerical Prep Time:	Patent Family		WWW/Internet
Online Time:	Other		Other (specify)

PTO-1590 (8-01)

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FILE 'HCAPLUS' ENTERED AT 13:45:48 ON 07 MAY 2002
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FILE COVERS 1907 - 7 May 2002  VOL 136 ISS 19
FILE LAST UPDATED: 6 May 2002  (20020506/ED)

 This file contains CAS Registry Numbers for easy and accurate
 substance identification.

CAS roles have been modified effective December 16, 2001. Please
check your SDI profiles to see if they need to be revised. For
information on CAS roles, enter HELP ROLES at an arrow prompt or use
the CAS Roles thesaurus (/RL field) in this file.

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L3                STR
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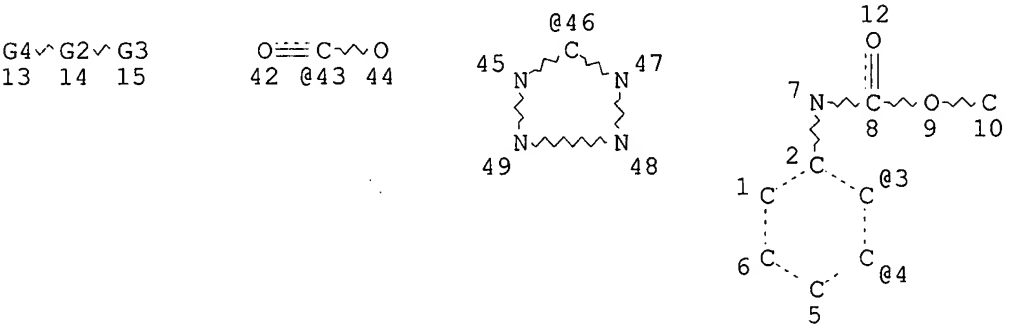


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DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  22
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10/087034

STEREO ATTRIBUTES: NONE
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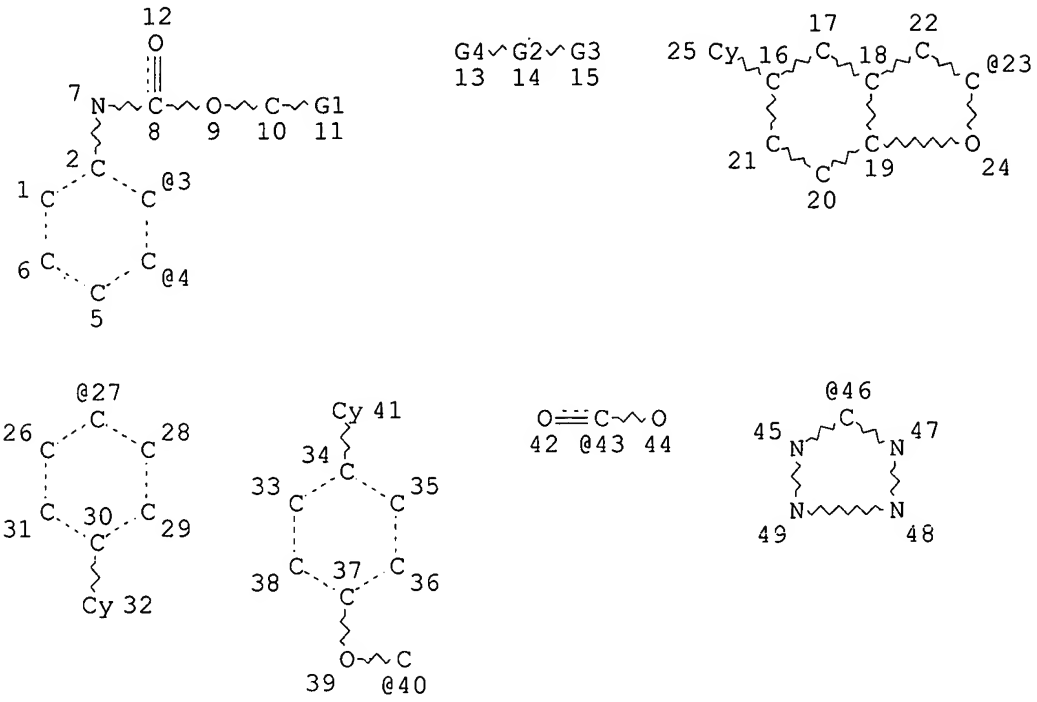
L8 STR



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DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
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NUMBER OF NODES IS 49

STEREO ATTRIBUTES: NONE
L9 1 SEA FILE=REGISTRY SUB=L5 SSS FUL L8
L10 1 SEA FILE=HCAPLUS ABB=ON PLU=ON L9

=>
=>

=> d ibib abs hitrn l10 1

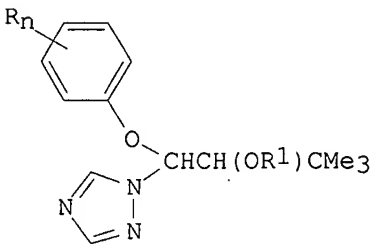
L10 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1980:6533 HCAPLUS
DOCUMENT NUMBER: 92:6533
TITLE: Fungicidal carbamoyltriazolyl-O,N-acetals
INVENTOR(S): Buechel, Karl Heinz; Kraemer, Wolfgang; Brandes, Wilhelm
PATENT ASSIGNEE(S): Bayer A.-G., Fed. Rep. Ger.

SOURCE: Ger. Offen., 22 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2800544	A1	19790719	DE 1978-2800544	19780107
CA 1094258	A1	19810127	CA 1977-272661	19770225
US 4237142	A	19801202	US 1978-971291	19781220
EP 3049	A2	19790725	EP 1978-101848	19781223
EP 3049	B1	19800820		
EP 3049	A3	19790808		
R: BE, CH, DE, FR, GB, IT, NL, SE				
RO 75739	P	19810228	RO 1978-96067	19781227
SU 910108	A3	19820228	SU 1979-2706202	19790103
CS 204043	P	19810331	CS 1979-134	19790104
DK 7900046	A	19790708	DK 1979-46	19790105
JP 54100377	A2	19790808	JP 1979-72	19790105
BR 7900048	A	19790814	BR 1979-48	19790105
ES 476617	A1	19791101	ES 1979-476617	19790105
ZA 7900045	A	19800130	ZA 1979-45	19790105
DD 141256	C	19800423	DD 1979-210358	19790105
AT 7900107	A	19810115	AT 1979-107	19790105
AT 363723	B	19810825		
PL 115653	B1	19810430	PL 1979-212674	19790105
CA 1113945	A1	19811208	CA 1979-319159	19790105
HU 23086	O	19820830	HU 1979-BA3745	19790105
HU 180673	B	19830429		
IL 56378	A1	19830515	IL 1979-56378	19790105
AU 7943183	A1	19790712	AU 1979-43183	19790108
AU 517276	B2	19810716		

PRIORITY APPLN. INFO.: DE 1978-2800544 19780107

GI



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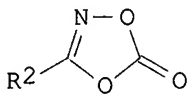

II

AB The title compds. I [R = halogen, alkyl, alkoxy, esterified CO2H, (un)substituted Ph, PhO, or phenylalkyl, NH2, NO2, CN, etc; R1 = R2CO; R2 = alkyl, halo- or alkoxyalkyl, esterified CO2H, substituted Ph, alkylsulfonylalkenylcarbamoyl; n = 0-5] were prepd. by the reaction of I (R1 = H) with R2NCO or II and tested for fungicidal activity. Thus, I (Rn = 4-Ph, R1 = H) reacted with MeOCH2NCO in THF to give I (Rn = 4-Ph, R1 = MeOCH2NHCO).

IT **72013-94-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)

(prepn. of)

```
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FILE 'REGISTRY' ENTERED AT 13:46:05 ON 07 MAY 2002
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STRUCTURE FILE UPDATES:    5 MAY 2002  HIGHEST RN 411206-65-0
DICTIONARY FILE UPDATES:   5 MAY 2002  HIGHEST RN 411206-65-0

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

Crossover limits have been increased.  See HELP CROSSOVER for details.

Calculated physical property data is now available.  See HELP PROPERTIES
for more information.  See STNote 27, Searching Properties in the CAS
Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

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L9   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2002 ACS
RN   72013-94-6  REGISTRY
CN   2-Propenoic acid, 3-[3-[[[1-[([1,1'-biphenyl]-4-yloxy)-1H-1,2,4-triazol-1-
     ylmethyl]-2,2-dimethylpropoxy]carbonyl]amino]phenyl]-, methyl ester (9CI)
     (CA INDEX NAME)
FS   3D CONCORD
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LC   STN Files:   BEILSTEIN*, CA, CAPLUS, USPATFULL
         (*File contains numerically searchable property data)
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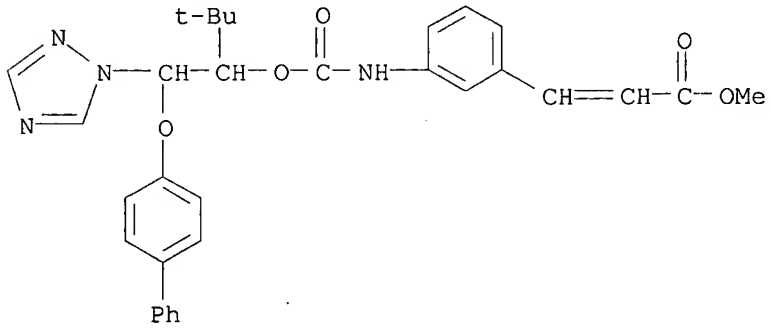


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**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

              1 REFERENCES IN FILE CA (1967 TO DATE)
              1 REFERENCES IN FILE CAPLUS (1967 TO DATE)
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REFERENCE 1: 92:6533

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FILE COVERS 1907 - 7 May 2002  VOL 136 ISS 19
FILE LAST UPDATED: 6 May 2002  (20020506/ED)

 This file contains CAS Registry Numbers for easy and accurate
 substance identification.

CAS roles have been modified effective December 16, 2001. Please
check your SDI profiles to see if they need to be revised. For
information on CAS roles, enter HELP ROLES at an arrow prompt or use
the CAS Roles thesaurus (/RL field) in this file.

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=> d stat que l15
L3              STR
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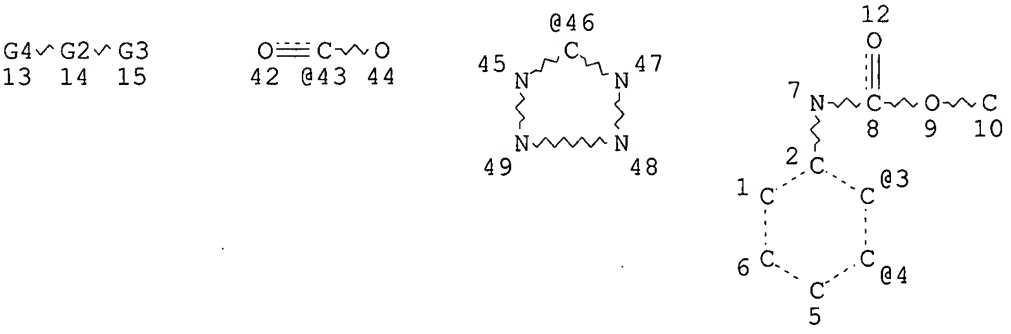


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VAR G3=43/46
VAR G4=3/4
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  22
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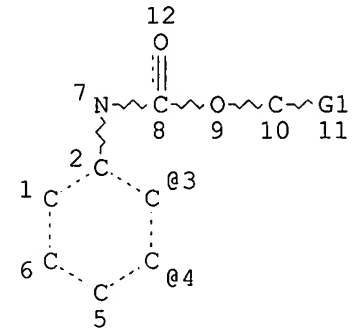
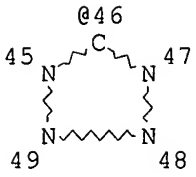
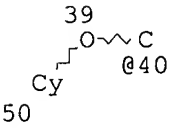
STEREO ATTRIBUTES: NONE
L5 1208 SEA FILE=REGISTRY SSS FUL L3
L6 STR







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DEFAULT ECLEVEL IS LIMITED

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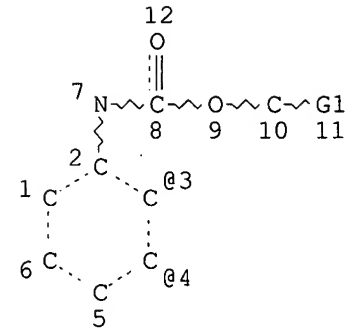
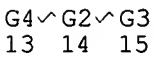
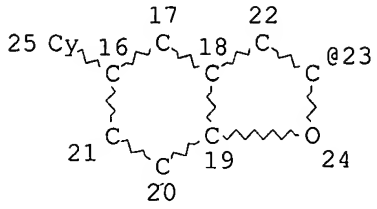
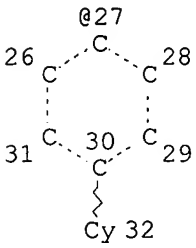
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 26

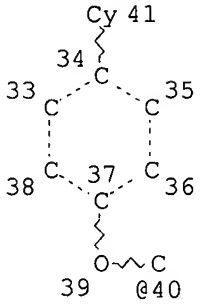
STEREO ATTRIBUTES: NONE
L7 247 SEA FILE=REGISTRY SUB=L5 SSS FUL L6
L8 STR

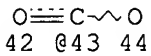


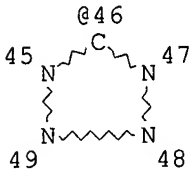












VAR G1=23/27/40
REP G2=(0-3) C
VAR G3=43/46
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NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 49

STEREO ATTRIBUTES: NONE

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L10	1	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON	L9
L11	1022	SEA	FILE=REGISTRY	ABB=ON	PLU=ON	PROSTAGLANDIN?
L12	176	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON	L7
L13	86672	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON	L11 OR PROSTAGLANDIN?
L14	2	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON	L12 AND L13
L15	2	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON	L14 NOT L10

=> d ibib abs hitrn l15 1-2

L15 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1996:524350 HCAPLUS
DOCUMENT NUMBER: 125:221883
TITLE: Solid phase and combinatorial synthesis of benzodiazepines on a solid support
INVENTOR(S): Ellman, Jonathan A.
PATENT ASSIGNEE(S): The Regents of the University of California, USA

SOURCE: U.S., 43 pp., Cont.-in-part of U.S. 5,288,514.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5545568	A	19960813	US 1993-161677	19931202
US 5288514	A	19940222	US 1992-944469	19920914

PRIORITY APPLN. INFO.: US 1992-944469 19920914

AB Methods, compns., and devices for synthesizing combinatorial libraries of various useful compds., such as benzodiazepines, **prostaglandins**, .beta.-turn mimetics and glycerol-derived drugs is described. In order to expediently synthesize such combinatorial libraries of derivs. based upon these core structures, a general methodol. for the solid phase synthesis of these derivs. is also provided. This disclosure thus also describes an important extension of solid phase synthesis methods to nonpolymeric org. compds.

IT **155505-57-0P 155505-71-8P 155505-74-1P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(solid phase and combinatorial synthesis of benzodiazepines on a solid support)

L15 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1994:409430 HCAPLUS
DOCUMENT NUMBER: 121:9430
TITLE: Solid phase and combinatorial synthesis of benzodiazepine compounds on a solid support
INVENTOR(S): Ellman, Jonathan A.
PATENT ASSIGNEE(S): Regents of the University of California, USA
SOURCE: U.S., 25 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5288514	A	19940222	US 1992-944469	19920914
WO 9406291	A1	19940331	WO 1993-US8709	19930913
W: AT, AU, BB, BG, BR, BY, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 5545568	A	19960813	US 1993-161677	19931202

PRIORITY APPLN. INFO.: US 1992-944469 19920914

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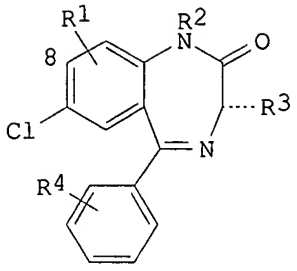

I

AB The invention provides a rapid approach for combinatorial synthesis and screening of libraries of derivs. of therapeutically important classes of compds. such as benzodiazepines, **prostaglandins**, and .beta.-turn mimetics. A general methodol. for the solid-phase synthesis of these derivs. is provided. For example, in the case of 1,4-benzodiazepines such as I [R1 = H, 8-CO2H; R2 = H, Me, Et, allyl, CH2Ph; R3 = Me, CH2C6H4OH-4, iso-Pr, CH2CO2H, CH2Ph, (CH2)4NH2; R4 = H, 4-OH], a substituted, N-FMOC-protected 2-aminobenzophenone is coupled via another functional group to a solid support, preferably by a cleavable linker. After deprotection of N, the bound aminobenzophenone reacts with an FMOC-protected amino acid (natural or unnatural), followed by base-catalyzed deprotection of the FMOC group and acid-catalyzed cyclization, to give a benzodiazepinone deriv. This may undergo further N-alkylation. By varying the aminobenzophenones, amino acids, and alkylating agents, using, e.g., pin-based, bead-based, or light-directed synthetic techniques, a plurality of benzodiazepines can be prepd. simultaneously.

IT **155505-71-8P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(prepn. and coupling of, with resin, in solid-phase benzodiazepine synthesis)

IT **155505-57-0P 155505-71-8DP**, aminomethyl resin-bound
155505-74-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(prepn. and reaction of, in solid-phase benzodiazepine synthesis)

=>
=> select hit rn l15 1-2
E1 THROUGH E3 ASSIGNED

=> fil reg
FILE 'REGISTRY' ENTERED AT 13:48:09 ON 07 MAY 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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STRUCTURE FILE UPDATES: 5 MAY 2002 HIGHEST RN 411206-65-0
DICTIONARY FILE UPDATES: 5 MAY 2002 HIGHEST RN 411206-65-0

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

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               (155505-71-8/RN)
             1 155505-57-0/BI
               (155505-57-0/RN)
             1 155505-74-1/BI
               (155505-74-1/RN)
L16          3 (155505-71-8/BI OR 155505-57-0/BI OR 155505-74-1/BI)

=> d ide can l16 1-3

L16  ANSWER 1 OF 3  REGISTRY  COPYRIGHT 2002 ACS
RN   155505-74-1  REGISTRY
CN   Benzoic acid, 4-benzoyl-2-chloro-5-[[(9H-fluoren-9-
     ylmethoxy)carbonyl]amino]-, [4-[2-oxo-2-(2-propenyloxy)ethoxy]phenyl]methy
     l ester (9CI)  (CA INDEX NAME)
FS   3D CONCORD
MF   C41 H32 Cl N O8
SR   CA
LC   STN Files:   CA, CAPLUS, USPATFULL
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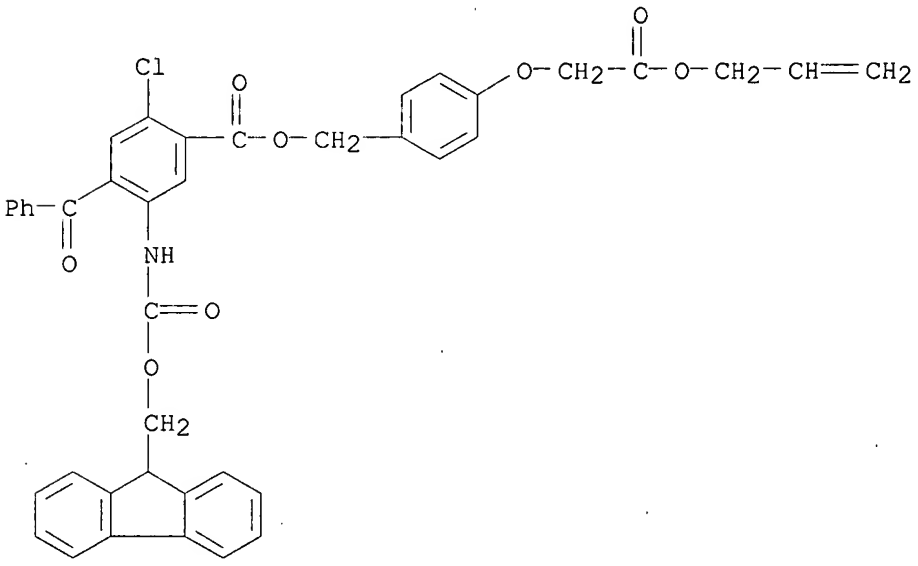


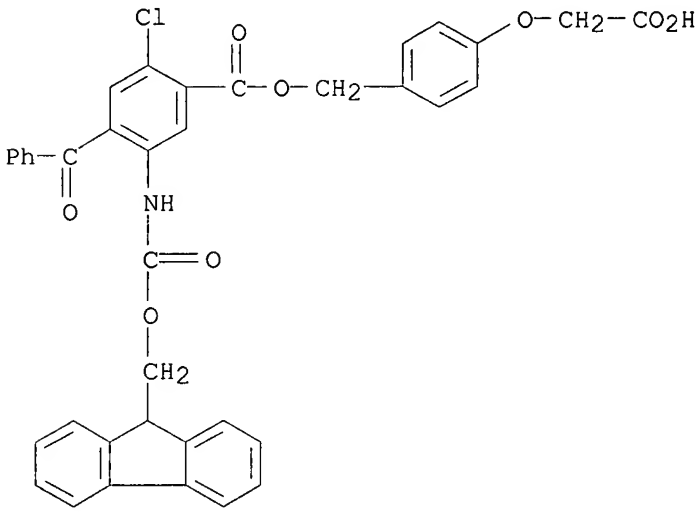
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 125:221883

REFERENCE 2: 121:9430

L16 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2002 ACS
RN **155505-71-8** REGISTRY
CN Benzoic acid, 4-benzoyl-2-chloro-5-[[(9H-fluoren-9-ylmethoxy)carbonyl]amino]-, [4-(carboxymethoxy)phenyl]methyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C38 H28 Cl N O8
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



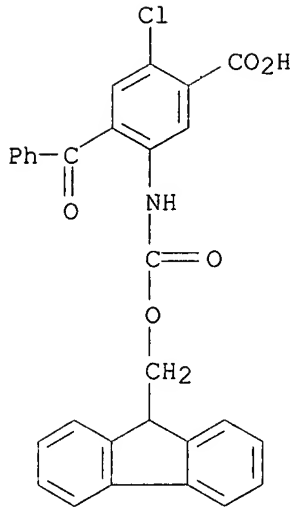
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 125:221883

REFERENCE 2: 121:9430

L16 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2002 ACS
RN **155505-57-0** REGISTRY
CN Benzoic acid, 4-benzoyl-2-chloro-5-[[(9H-fluoren-9-ylmethoxy)carbonyl]amino]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H20 Cl N O5
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 125:221883

REFERENCE 2: 121:9430

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=> fil hcaplus
FILE 'HCAPLUS' ENTERED AT 13:49:12 ON 07 MAY 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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```



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FILE COVERS 1907 - 7 May 2002  VOL 136 ISS 19
FILE LAST UPDATED: 6 May 2002  (20020506/ED)

 This file contains CAS Registry Numbers for easy and accurate
 substance identification.

CAS roles have been modified effective December 16, 2001. Please
check your SDI profiles to see if they need to be revised. For
information on CAS roles, enter HELP ROLES at an arrow prompt or use
the CAS Roles thesaurus (/RL field) in this file.

=>

=>

=> d stat que l20
L3              STR
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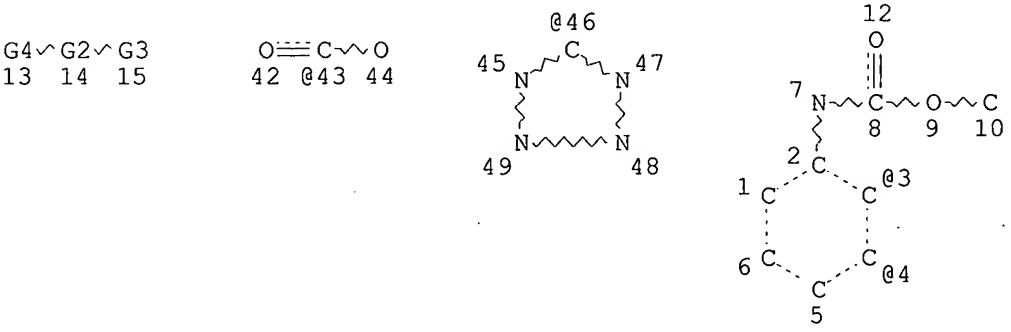


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VAR G4=3/4
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DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  22
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STEREO ATTRIBUTES: NONE
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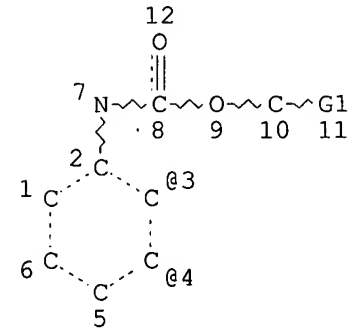
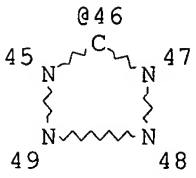
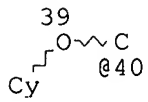
L6 STR







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REP G2=(0-3) C
VAR G3=43/46
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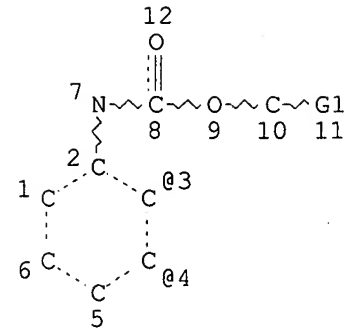
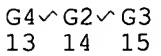
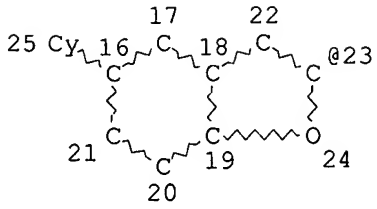
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

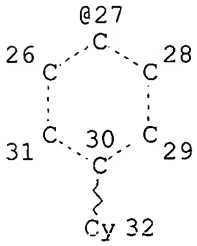
GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 26

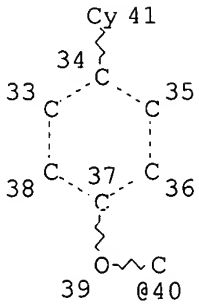
STEREO ATTRIBUTES: NONE
L7 247 SEA FILE=REGISTRY SUB=L5 SSS FUL L6
L8 STR

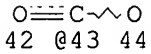


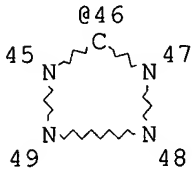












VAR G1=23/27/40
REP G2=(0-3) C
VAR G3=43/46
VAR G4=3/4
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 49

STEREO ATTRIBUTES: NONE

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L10	1	SEA	FILE=HCAPLUS	ABB=ON PLU=ON	L9
L11	1022	SEA	FILE=REGISTRY	ABB=ON PLU=ON	PROSTAGLANDIN?
L12	176	SEA	FILE=HCAPLUS	ABB=ON PLU=ON	L7
L13	86672	SEA	FILE=HCAPLUS	ABB=ON PLU=ON	L11 OR PROSTAGLANDIN?
L14	2	SEA	FILE=HCAPLUS	ABB=ON PLU=ON	L12 AND L13
L15	2	SEA	FILE=HCAPLUS	ABB=ON PLU=ON	L14 NOT L10
L17	961	SEA	FILE=REGISTRY	ABB=ON PLU=ON	L5 NOT (L7 OR L9)
L18	509	SEA	FILE=HCAPLUS	ABB=ON PLU=ON	L17
L19	2	SEA	FILE=HCAPLUS	ABB=ON PLU=ON	L18 AND L13
L20	2	SEA	FILE=HCAPLUS	ABB=ON PLU=ON	L19 NOT L15

=>

=>

=> d ibib abs hitrn l20 1-2

L20 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1999:451281 HCAPLUS
DOCUMENT NUMBER: 131:102195
TITLE: Preparation of 2,3-Substituted indoles as COX-2 inhibitors
INVENTOR(S): Nakao, Kazunari; Stevens, Rodney William; Kawamura, Kiyoshi; Uchida, Chikara; Koike, Hiroki; Caron, Stephane
PATENT ASSIGNEE(S): Pfizer Pharmaceuticals Inc., Japan; Pfizer Inc.
SOURCE: PCT Int. Appl., 347 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9935130	A1	19990715	WO 1998-IB2065	19981218
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2316863	AA	19990715	CA 1998-2316863	19981218
AU 9915005	A1	19990726	AU 1999-15005	19981218
BR 9813124	A	20001010	BR 1998-13124	19981218
EP 1045833	A1	20001025	EP 1998-959082	19981218
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, LT, LV, FI, RO				
JP 2002500217	T2	20020108	JP 2000-527531	19981218
TW 436482	B	20010528	TW 1998-87120865	19981222
ZA 9900011	A	20000704	ZA 1999-11	19990104
NO 2000003451	A	20000901	NO 2000-3451	20000704

PRIORITY APPLN. INFO.: WO 1998-IB3 A 19980105
WO 1998-IB2065 W 19981218

OTHER SOURCE(S): MARPAT 131:102195
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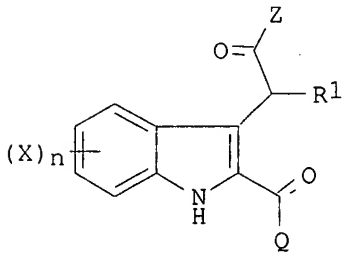

I

AB Title compds. [I or the pharmaceutically acceptable salts thereof; wherein

Z is OH, C1-6 alkoxy, -NR2R3 or heterocycle; Q is selected from the following: (a) an optionally substituted Ph, (b) an optionally substituted 6-membered monocyclic arom. group contg. one, two, three or four nitrogen atom(s), (c) an optionally substituted 5-membered monocyclic arom. group contg. one heteroatom selected from O, S and N and optionally contg. one, two or three nitrogen atom(s) in addn. to said heteroatom, (d) an optionally substituted C3-7 cycloalkyl and (e) an optionally substituted benzofuzed heterocycle; R1 is hydrogen, C1-4 alkyl or halo; R2 and R3 are independently hydrogen, OH, C1-4 alkoxy, C1-4 alkyl or C1-4 alkyl substituted with halo, OH, C1-4 alkoxy or CN; X is independently selected from H, halo, C1-4 alkyl, halo-substituted C1-4 alkyl, OH, C1-4 alkoxy, halo-substituted C1-4 alkoxy, C1-4 alkylthio, NO2, NH2, di-(C1-4 alkyl)amino and CN; and n is 0, 1, 2, 3 and 4] are prepd. as COX-2 inhibitors which provide pharmaceutical compns. useful for the treatment of a medical condition in which **prostaglandins** are implicated as pathogens. Thus, title compd. I (R1 = H; Z = OEt; Q = C6H5; (X)n = 6-Cl) was prepd. from 4-chloro-2-nitrobenzaldehyde, formic acid, and triphosgene in 5 steps via cyclization.

IT **231295-97-9P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of 2,3-substituted indoles. as COX-2 inhibitors)

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1998:424220 HCAPLUS
DOCUMENT NUMBER: 129:95327
TITLE: Preparation of sulfonamide and carboxamide derivatives as drugs
INVENTOR(S): Ohuchida, Shuichi; Nagao, Yuuki
PATENT ASSIGNEE(S): Ono Pharmaceutical Co., Ltd., Japan; Ohuchida, Shuichi; Nagao, Yuuki
SOURCE: PCT Int. Appl., 305 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9827053	A1	19980625	WO 1997-JP4593	19971212
W: AU, CA, CN, HU, JP, KR, MX, NO, US				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9854115	A1	19980715	AU 1998-54115	19971212
AU 733493	B2	20010517		
EP 947500	A1	19991006	EP 1997-947925	19971212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
CN 1247529	A	20000315	CN 1997-181861	19971212
ZA 9711336	A	19980625	ZA 1997-11336	19971217
KR 2000057576	A	20000925	KR 1999-705335	19990615
NO 9902935	A	19990816	NO 1999-2935	19990616

PRIORITY APPLN. INFO.: JP 1996-353818 A 19961218
JP 1997-305055 A 19971021
WO 1997-JP4593 W 19971212
OTHER SOURCE(S): MARPAT 129:95327
GI For diagram(s), see printed CA Issue.
AB The title compds. (I; rings A and B represent each a carbocycle or a

heterocycle; Z1 represents COR1, CH:CHCOR1, etc.; R1 represents OH, C1-4 alkoxy, etc.; Z2 represents H, alkyl, etc.; Z3 represents a single bond or alkylene; Z4 represents SO2 or CO; Z5 represents alkyl, Ph, a heterocycle, etc., R2 represents CONR8, O, S, etc.; R8 represents H, C1-4 alkyl; R3 represents H, alkyl, halo, CF3, etc.; R4 represents H, optionally substituted alkyl, etc.; n, t = 1-4) are prepd. I bind to **prostaglandin** E2 (PGE2) receptors and exert an antagonism. I have the effects of inhibiting uterine muscle contraction, analgesia, inhibiting digestive tract movement, hypnosis, enlarging vesical capacity, contracting the uterine, promoting the digestive tract movement, suppressing the secretion of gastric hydrochloric acid, lowering blood pressure, or diuresis. Thus, compd. (II; W = Me) was treated with aq. NaOH and followed by aq. HCl to give the title compd. II (W = H), which showed Ki of 0.099 .mu.M against PGE2 receptors.

IT **209688-24-4P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(prepn. of sulfonamide and carboxamide derivs. as drugs)

=> select hit rn l20 1-2
E4 THROUGH E5 ASSIGNED

=> fil reg
FILE 'REGISTRY' ENTERED AT 13:49:35 ON 07 MAY 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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STRUCTURE FILE UPDATES: 5 MAY 2002 HIGHEST RN 411206-65-0
DICTIONARY FILE UPDATES: 5 MAY 2002 HIGHEST RN 411206-65-0

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=> s e4-e5
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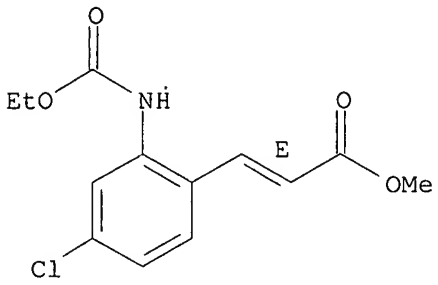
(209688-24-4/RN)
1 231295-97-9/BI
(231295-97-9/RN)
L21 2 (209688-24-4/BI OR 231295-97-9/BI)

=> d ide can l21 1-2

L21 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2002 ACS
RN **231295-97-9** REGISTRY
CN 2-Propenoic acid, 3-[4-chloro-2-[(ethoxycarbonyl)amino]phenyl]-, methyl ester, (2E)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C13 H14 Cl N O4
SR CA

LC STN Files: CA, CAPLUS

Double bond geometry as shown.

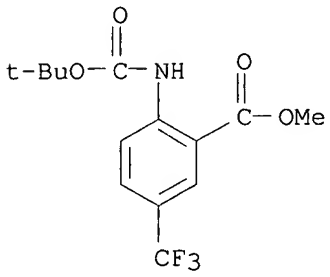


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 131:102195

L21 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2002 ACS
RN **209688-24-4** REGISTRY
CN Benzoic acid, 2-[[(1,1-dimethylethoxy)carbonyl]amino]-5-(trifluoromethyl)-, methyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C14 H16 F3 N O4
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 129:95327